

CPU4 SPOOL MERGE AND JOBCLASS CHANGES

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Several years ago the SPOOL for the development machine (CPU4) was isolated from the production systems in order to provide a migration path for JES2 upgrades. JES2 usually required a COLD start when upgrading software levels. This requirement forced ITS to upgrade ALL systems at the same time. While this change created some challenges for all of us to learn just how the JES2 environment was configured, it has worked fairly well since then for system upgrades.

With the introduction of parallel SYSplex systems, the ability to run applications on multiple MVS/JES2 images is possible. ITS is working toward that goal. It becomes an advantage to have all systems in the SYSplex to participate in the same SPOOL for communication purposes (within each MVS image). We also have two computer sites as well to provide us additional migration paths for software upgrades. IBM has promised all of their customers that a cold start will not be required if they stay within two levels of upgrades for JES2. We intend to stay one level behind IBM. **On June 22, 1997 the SPOOL used by CPU4 will be merged with the SPOOL used by CPU2 and CPU3.**

CPU4 is now identified within the Network Job Entry (NJE) system as DASDV. If any jobs are submitted to the system after June 22, and they have a reference to DASDV, they will NOT work. An example of that reference would be a JCL record that forces execution to DASDV, or routes print to DASDV.

Example: /*XEQ DASDV or /*ROUTE PRINT DASDV

Output generated on CPU4 will be available on node DASDP1 to be printed and will NOT need to be sent through the NJE system for printing.

The same TSO userid will NOT be able to be logged on to CPU4 and CPU2 and/or CPU3 simultaneously. An additional userid will need to be assigned to any individual that should require it, however, when we implement Workload Manager (a feature of parallel SYSplex) a TSO user will be sent to the best performing MVS image at the time of LOGON. Since all MVS images will have access to all data within a SYSplex, it shouldn't matter which MVS image a person is logged on to. We currently have two SYSplexes. SYSplex one is in Salt Lake City and consists of CPU2, CPU3, and CPU4. SYSplex two is in Richfield and consists of CPU5, and CPU6.

Currently ISPF profiles are generated for each MVS image that a TSO user is logged on to. Profile data sets are dynamically allocated at LOGON time and are assigned a name that matches the CPU that the TSO user is logging on to such as "userid.ISPF.CPU2.PROF" for CPU2. **The profile datasets and their naming standard will be changed on June 22, 1997.** ISPF Profile datasets with CPU3, CPU4, or CPU6 as part of their names will be migrated off the system. Data sets that have CPU2 as part of their name will be renamed to "userid.ISPF.SLC.PROF". Data sets that have CPU5 as part of their name will

be renamed to “userid.ISPF.RCH.PROF”. Data sets that have CPU7 as part of their name will be renamed to “userid.ISPF.Y2K.PROF”.

In order to provide a migration path of batch work to Richfield for the TAX commission, jobclasses P, K, U, and Z, will be re-classified on June 22, 1997. Their system affinity will change according to the tables below:

JOB CLASS AFFINITY ASSIGNMENTS
March 24, 2000

Job Class	Today	June 22, 1997	Tax Cut over Date Aug 16, 1997
A	CPU3	CPU3	CPU3
B	ANY	ANY	ANY
C	CPU2	CPU2	CPU2
D	CPU4	CPU4	CPU4
E	CPU5	CPU5	CPU5
F	CPU2	CPU2	CPU2
G	CPU2	CPU2	CPU2
H	CPU3	CPU3	CPU3
I	----	----	----
J	CPU3	CPU3	CPU3
K	CPU2	CPU2	CPU5 ***
L	CPU5	CPU5	CPU5
M	CPU2	CPU2	CPU2
N	ANY	ANY	ANY
O	----	----	----
P	CPU3	CPU2 ***	CPU5 ***
Q	CPU5	CPU5	CPU5
R	CPU2	CPU2	CPU2
S	CPU2	CPU2	CPU2
T	CPU5	CPU5	CPU5
U	CPU4	CPU4	CPU6 ***
V	CPU2	CPU2	CPU2
W	CPU5	CPU5	CPU5
X	----	----	----
Y	CPU6	CPU6	CPU6
Z	CPU6	----	----

If you are currently using job classes P, K, U, or Z then after June 22, 1997 make the following changes:
change jobclass P to H
change jobclass K to C
change jobclass U to D
change jobclass Z to Y

*** Identifies changes

JOB CLASS CLASSIFICATIONS

FUNCTION	GG **	HS ***	CJ ****	BE *****	RG *****
Production DATA BASE no time limit	G	H	C	E	P
Production DATA BASE 20 second time	M	-	-	L	-
Production NON DATA BASE 10 second	R	J	S	T	-
Production NON DATA BASE SINGLE THREAD	F	A	V	W	K
OFF SHIFT EDUCATION	B	B	B	B	-
Development DB no time limit	-	-	-	Q	-
Development Non DB no time limit	D	D	D	Y	U
	N	N	N	N	N

** GG = General Government Salt Lake

*** HS = Human Services

**** CJ = Criminal Justice

***** BE = Board of Education

***** RG = General Government Richfield

If the above jobclass change had been in effect during March 29, through April 25, 1997 the following jobs would have been affected:

DPACFSPC
 DBNTI061
 DPDBGA
 DPDBGAT
 DPDBG25
 DPDBG5
 WELR3QM1
 JILOADJB
 JIMOVEJB
 SREJSD1
 SRLN1BL5

If there are any questions or concerns with this change please contact the Systems group through Customer Services at 538-3440 or Dave Jeffs at 538-3506.